

**Descriptions—Obstetrics, Gynecology, and Reproductive Biology of Courses**

**609. Advanced Obstetrics and Gynecology Clerkship**

Fall, Spring, Summer. 4 to 6 credits. P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine.

Additional exposure to obstetrics or gynecology in the preceptor mode. Participation in ambulatory and inpatient care including surgery. May include maternal and fetal medicine

**610. Perinatology Clerkship**

Fall, Spring, Summer. 4 to 6 credits. P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine.

Additional exposure to high risk obstetrics including prenatal diagnosis and counseling, antepartum evaluation, and care of the high risk patient. Management of the intrapartum high risk patient.

**611. Reproductive Endocrinology and Infertility Clerkship**

Fall, Spring, Summer. 4 to 6 credits. P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine.

Added exposure to clinical problems in reproductive endocrinology and female infertility primarily in ambulatory setting. Occasional participation in inpatient experiences. Assisted reproductive technologies.

**612. Gynecologic Oncology Clerkship**

Fall, Spring, Summer. 4 to 6 credits. P: OGR 608. R: Open only to graduate-professional students in College of Human Medicine.

Added clinical experience in inpatient and ambulatory gynecologic oncology, breast disease, and complicated benign gynecology in the preceptor mode. Pre-treatment evaluation and cancer management, including surgery.

**633. Extended Clinical Experience**

Fall, Spring, Summer. 6(6-0) P: (OGR 608)

Based in community hospitals and ambulatory sites, this is a 4 week clinical experience emphasizing interviewing skills, history, physical exam, problem solving and therapy.

**637. Core Competencies III**

Spring, Summer. 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Human Medicine; Family Practice; Medicine; Pediatrics and Human Development; and Surgery. Administered by Human Medicine. P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine.

A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

**OSTEOPATHIC MANIPULATIVE MEDICINE**

**OMM**

**Department of Osteopathic Manipulative Medicine  
College of Osteopathic Medicine**

**590. Special Problems in Biomechanics**

Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate and graduate-professional students in the College of Osteopathic Medicine. Approval of department. Each student works under faculty direction on an experimental, theoretical, or applied problem.

SA: BIM 590

**601. Osteopathic Manipulative Medicine Clerkship**

Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Advanced training in the diagnosis of musculoskeletal dysfunction and application of osteopathic manipulative techniques.

SA: BIM 601

**620. Directed Studies**

Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 30 credits in all enrollments for this course.

Individual or group work on special problems related primarily to the biomechanics of the musculoskeletal system.

SA: BIM 620

**800. Special Topics**

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 3 credits in all enrollments for this course.

Directed study in topics of biomechanics.

SA: BIM 800

**830. Biomechanical Analysis of Physical Activity**

Fall. 3(2-2) Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; and Surgery. Administered by Kinesiology.

Kinematic analysis of mechanical and anatomical characteristics in physical activity and sport skills.

SA: BIM 830, PES 830

**831. Advanced Biomechanics of Physical Activity**

Spring of even years. 3(2-2) Interdepartmental with Kinesiology; Medicine; Obstetrics, Gynecology and Reproductive Biology; Pediatrics and Human Development; and Surgery. Administered by Kinesiology. P: PES 830.

Kinetic analyses of the performance of physical activity and sport.

SA: BIM 831, PES 831

**841. Theory of Neuromuscular Mechanics**

Fall of even years. 2(2-0)

Neurological control of joint mechanics.

SA: BIM 841

**861. Clinical Biomechanics**

Spring of odd years. 3(3-0)

Application of biomechanics to medicine.

SA: BIM 861

**890. Independent Study**

Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 22 credits in all enrollments for this course. R: Approval of department.

Individual or group work related to biomechanics and/or neuromuscular system.

SA: BIM 890

**899. Master's Thesis Research**

Fall, Spring, Summer. 0(2-2) A student may earn a maximum of 25 credits in all enrollments for this course.

SA: BIM 899

**930. Current Issues in Biomechanical Aspects of Physical Activity**

Spring. 3(3-0) A student may earn a maximum of 9 credits in all enrollments for this course. Interdepartmental with Kinesiology. P: PES 830.

Selected issues of biomechanical analyses of sport and physical activity.

SA: BIM 930, PES 930

**OSTEOPATHIC MEDICINE**

**OST**

**College of Osteopathic Medicine**

**501. Clinical Skills I**

Fall. 3(1-4) R: Graduate-professional students in College of Osteopathic Medicine.

Introduction to osteopathic physical examination.

**502. Clinical Skills II**

Spring. 3(1-4) P: OST 501. R: Graduate-professional students in College of Osteopathic Medicine.

Continuation of OST 501.

**504. Doctor/Patient Relationship I**

Fall. 1(0-2) R: Graduate-professional students in College of Osteopathic Medicine.

Basics of interpersonal communication related to physician interaction with patients.

**505. Doctor/Patient Relationship II**

Spring. 1(0-2) P: OST 504. R: Graduate-professional students in College of Osteopathic Medicine.

Skills of interviewing patients for the purposes of gathering information, giving information, and patient motivation.